



HP Z2 Tower G1i Intel Core Ultra 7 265 16 GB DDR5-SDRAM 1 TB SSD Windows 11 Pro Workstation AI Workstation, AI PC Black



Brand : HP

Product family: Z2

Product code: B76RQET

Product name : Z2 Tower G1i

- Intel Core™ Ultra 7 265 (up to 5.3 GHz with Intel Turbo Boost Technology, 30 MB L3 cache, 20 cores, 20 threads)
 - Windows 11 Pro
 - Intel Graphics
 - 16 GB DDR5-5600 MT/s (2 x 8 GB), 1 TB PCIe Gen4 M.2 SSD
- Z2 Tower G1i Workstation Desktop PC, Windows 11 Pro, Intel Core™ Ultra 7, 16GB RAM, 1TB SSD, Black, AI Workstation; AI PC

[HP Z2 Tower G1i Intel Core Ultra 7 265 16 GB DDR5-SDRAM 1 TB SSD Windows 11 Pro Workstation AI Workstation, AI PC Black:](#)

Mainstream workstation performance—reimagined

Experience new levels of performance for professional workflows. The HP Z2 Tower AI workstation is reengineered to support high-end graphics and seamlessly run both single and multi-threaded apps for fast modeling, simulation, and rendering. Enjoy easy expandability to upgrade, when needs evolve.

Processor		Network	
Processor manufacturer *	Intel	Bluetooth version	5.4
Processor family *	Intel Core Ultra 7	Ports & interfaces	
Processor generation	Intel Core Ultra (Series 2)	USB 2.0 ports quantity *	3
Processor model *	265	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity *	6
Processor cores	20	USB 3.2 Gen 2x2 Type-C ports quantity	2
Processor threads	20	DisplayPorts quantity	2
Processor boost frequency	5.3 GHz	DisplayPort version	1.4
Performance cores	8	Ethernet LAN (RJ-45) ports	1
Efficient cores	12	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	5.2 GHz	Line-out	✓
Efficient-core Max Turbo Frequency	4.6 GHz	Line-in	✓
Performance-core base frequency	2.4 GHz	Microphone in	✓
Efficient-core base frequency	1.8 GHz	Expansion slots	
Processor cache	30 MB	Number of 3.5" bays	1
Processor cache type	L3	Power	
Processor base power	65 W	Power supply *	500 W
Maximum turbo power	182 W	Power supply input voltage	100 - 240 V
Neural processor unit (NPU)		Power supply input frequency	50 - 60 Hz
Neural processor unit (NPU)	Intel AI Boost	Design	
Sparsity support	✓	Chassis type *	Tower
Windows Studio effects support	✓	Colour name	Black
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Placement supported	Vertical
Total processor performance up to	33 TOPs	Number of 5.25" bays	1
NPU performance up to	13 TOPs	Product colour *	Black
GPU performance up to	8 TOPs	Intel® vPro™ Platform Eligibility	✗
Memory		Country of origin	Czech Republic
Internal memory *	16 GB		
Maximum internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		

Memory		Software	
Memory layout (slots x size)	2 x 8 GB	Operating system installed *	Windows 11 Pro
Memory slots	3x DIMM	Processor special features	
Memory clock speed	5600 MHz	Intel® Turbo Boost Technology	✓
Memory module type	UDIMM	Display	
Memory data transfer rate	5600 MT/s	Display included *	✗
Storage		Brand-specific features	
Total storage capacity *	1 TB	HP Support Assistant	✓
Storage media *	SSD	HP Artificial Intelligence	AI Workstation, AI PC
Optical drive type *	✗	HP GTIN (EAN/UPEC)	199485052137
Number of storage drives installed	1	HP segment	Business
Total SSDs capacity	1 TB	Audio	
Number of SSDs installed	1	Audio chip	Realtek ALC3205
SSD capacity	1 TB	Weight & dimensions	
SSD interface	PCI Express 4.0	Width *	175 mm
NVMe	✓	Depth *	426 mm
SSD form factor	M.2	Height *	175 mm
Graphics		Weight *	8.6 kg
Discrete graphics card *	✗	Packaging data	
On-board graphics card *	✓	Package width	590 mm
Discrete graphics card model *	Not available	Package depth	490 mm
On-board GPU manufacturer	Intel	Package height	295 mm
On-board graphics card family	Intel® Graphics	Package weight	12.5 kg
On-board graphics card model *	Intel® Graphics	Packaging content	
Performance		Mouse included	✓
Market positioning	Performance	Mouse connectivity	Wired
Motherboard chipset	Intel W880	Keyboard included	✓
Password protection	✓	Numeric keypad	✗
Password protection type	BIOS, Power on	Input device model	HP Wired 320M Mouse
Product type *	Workstation	Sustainability	
Network		Sustainability compliance	✓
Ethernet LAN *	✓	Sustainability certificates	ENERGY STAR, TCO, TCO10
Ethernet LAN data rates	10,100,1000 Mbit/s	<p>Sustainable technologies and materials</p> <p>Low halogen; Bulk packaging available; 10% ITE-derived closed loop plastic; 25% ocean-bound plastic in system fans; Product Carbon Footprint; Contains at least 60% post-consumer recycled plastic; System has a QR code enabled experience where the user has access to a product portal - beginning December 2025, this is complete with product feature highlights, sustainability information, getting started guides, and direct setup and support options; New Energy Consumption dashboard available to customers providing timely carbon usage including recommended actions users can take to decrease carbon footprint</p>	
Cabling technology	10/100/1000Base-T(X)		
Wi-Fi *	✓		
Top Wi-Fi standard	Wi-Fi 7 (802.11be)		
Wi-Fi standards	Wi-Fi 7 (802.11be)		
WLAN controller manufacturer	Intel		
WLAN controller model	Intel Wi-Fi 7 BE200		
Antenna type	2x2		
Bluetooth	✓		
Logistics data			
Supplier features		<p>Manufacturer warranty</p> <p>1 year (1/1/1) limited warranty includes 1 year of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.</p> <p>Support service included</p> <p>HP 3y Onsite Low End Workstation HW Supp. For terms and conditions, please visit https://h20195.www2.hp.com/v2/GetPDF.aspx/4AA5-6385EEE & https://www8.hp.com/h20195/v2/getpdf.aspx/4AA5-7123EEGB.pdf</p>	

Keyboard

Keyboard connectivity	Wired
-----------------------	-------

Other features

UNSPSC-code	43211515
-------------	----------



0199485052137



199485052137



0821844255117



821844255117



0821844246566



821844246566



0821844246573



821844246573

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.